CLAIMS

What is claimed is:

1.   An information storage medium storing at least one still image data clip comprising:

at least one still image data file;

still image clip information including information on a position and attributes of still images in the at least one still image data file; and

still image sequence information including information on presentation modes and a presentation time for the still images in the at least one still image data file.

2.   The information storage medium of claim 1, wherein the at least one still image data clip includes one still image data file having a plurality of still images, and the information on positions of the plurality of still images are start addresses of the plurality of still images.

3.   The information storage medium of claim 1, wherein the at least one still image data clip includes a plurality of still image data files each having one still image, and the information on positions of the still images are file names of the still images.

4.   The information storage medium of claim 1, further comprising at least one still image playlist including at least one still image playitem corresponding to a portion of the still image data clip.

5.   The information storage medium of claim 4, wherein the at least one still image playitem includes information on a start position and an end position of the portion of the still image data clip.

6.   The information storage medium of claim 1, wherein the information storage medium also stores at least one audio data clip including:

at least one audio data file;

audio clip information including information on a position and attributes of the at least one audio data file; and

audio sequence information including information on a presentation time for the at least one audio data file.

7.   The information storage medium of claim 6, wherein the presentation time for each of the at least one audio data file is determined using a presentation time stamp according to MPEG standards.

8.   The information storage medium of claim 6, wherein the presentation time for each of the at least one audio data file is determined by designating a presentation start time and a presentation end time for the at least one audio data file.

9.   The information storage medium of claim 6, further comprising at least one audio data playlist including at least one audio data playitem corresponding to a portion of the audio data clip.

10.   The information storage medium of claim 9, wherein the at least one audio data playitem includes information on a start position and an end position of the portion of the audio data clip.

11.   The information storage medium of claim 6, wherein a presentation mode for the at least one still image data file is one of a slide show mode in which the presentation time for the at least one still image data file is synchronized with the presentation time for a corresponding audio data file and a browsable slide show mode in which the presentation time for the at least one still image data file is not synchronized with the presentation time for a corresponding audio data file and a presentation order of the at least one still image data file is changeable when the at least one still image data file is presented.

12.   The information storage medium of claim 11, wherein the presentation mode is a slide show mode, and the information on the presentation times for the still images of the at least one still image data file are presentation start times and presentation end times for the still images.

13.   The information storage medium of claim 12, wherein the presentation start times and the presentation end times for the still images are recorded using a presentation time stamp according to MPEG standards.

14.   The information storage medium of claim 11, wherein the presentation mode is a browsable slide show mode, and the information on the presentation times for the still images of the at least one still image data file are a presentation start time for a first still image and presentation and duration times the still images.

15.   The information storage medium of claim 11, wherein the presentation mode for the at least one still image data file is the browsable slide show mode, and the total size of still image clips presented within the presentation times for the audio data clips is one of equal to and less than a threshold size.

16.   The information storage medium of claim 15, wherein the threshold size is determined according to the size of a data buffer of a reproducing apparatus.

17.   A reproducing apparatus for performing reproduction from an information storage medium storing still image data as clips, comprising:
       a system clock counter which generates a system clock increasing at each point in time;
       a reader which reads information on a presentation time for each of at least one still image data file, from the information storage medium, the information storage medium including a still image data clip including the at least one still image data file and information on a presentation mode and the presentation time for the at least one still image data file, and then reads still image data which is to be presented within a presentation time correspond s to the system clock;
       a video decoder which, when the system clock has a value within a range of the presentation time for the still image data, decodes the still image data; and
       a data output unit which outputs the decoded still image data.

18.   The reproducing apparatus of claim 17, wherein when a user inputs one of a Fast Forward command and a Fast Reverse command during presentation of the still image data in a slide show mode, the system clock counter respectively one of decreases and increases the system clock so as to correspond to the presentation time for the still image data.

19.   The reproducing apparatus of claim 17, further comprising an audio decoder which, when the system clock has a value within a range of the presentation time for audio data, decodes the audio data,

wherein the information storage medium has stored thereon the audio data as clips,

wherein the reader reads a presentation time for at least one audio data file from the information storage medium, the information storage medium including an audio data clip including the at least one audio data file and information on a presentation time for the at least one audio data file, and further reads audio data which is to be presented within a presentation time corresponding to the system clock,

and

wherein the data output unit outputs the decoded audio data together with the decoded still image data.

20.   A method of performing reproduction from an information storage medium storing still image data as clips using a reproducing apparatus generating a system clock increasing at each point in time, the method comprising:

reading information on a presentation time for at least one still image data file, from the information storage medium, the information storage medium including a still image data clip including the at least one still image data file and information on a presentation mode and the presentation time for the at least one still image data file, and then reading still image data which is to be presented within a presentation time corresponding to the system clock;

decoding the still image data when the system clock has a value within a range of the presentation time for the still image data; and

outputting the decoded still image data.

21.   The method of claim 20, further comprising one of decreasing and increasing the system clock so as to correspond to the presentation time for the still image data when a user respectively inputs one of a Fast Forward command or a Fast Reverse command during presentation of the still image data in a slide show mode.

22.   The method of claim 20, further comprising:

reading a presentation time for at least one audio data file from the information storage medium, the information storage medium including an audio data clip including the at least one audio data file and information on a presentation time for the at least one audio data file, and further reading audio data which is to be presented within a presentation time corresponding to the system clock; and

decoding the audio data when the system clock has a value within a range of the presentation time for the audio data,

wherein in the outputting of the decoded still image data, the decoded audio data is output together with the decoded still image data.